

## INFORMATION DISCLOSURE

## CITATION

1201-55

09/115,963

MAR 31 2000



(Use several sheets if necessary)

APPLICANT

Schneider et al

FILING DATE

July 15, 1998

GROUP

1616

TECH CENTER 1600/290

## U.S. PATENT DOCUMENTS

INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
10	4 2 5 6 2 5 1	3/1981	Moshofsky	221	120	
	4 2 7 6 8 8 5	7/1981	Tickner et al	424	9.52	
	4 3 1 6 3 9 1	2/1982	Tickner	73	861.25	
	4 4 6 6 4 4 2	8/1984	Hilmann et al	600	431	
	4 5 7 2 2 0 3	2/1986	Feinstein	424	9.52	
	4 6 5 7 7 5 6	4/1987	Rasor et al	424	9.52	
	4 6 8 1 1 1 9	7/1987	Rasor et al	424	9.52	
	4 6 8 4 4 7 9	8/1987	D'Arrigo	252	307	
	4 7 1 8 4 3 3	1/1988	Feinstein	424	9.52	
	4 8 3 2 9 4 1	5/1989	Berwing et al	424	9.52	
	4 9 0 0 5 4 0	2/1990	Ryan et al	424	9.52	
	4 9 5 7 6 5 6	9/1990	Cerny et al	252	311	
	5 0 8 8 4 9 9	2/1992	Unger	424	9.51	
	5 1 3 7 9 2 8	8/1992	Erbel et al	521	56	
	5 1 4 1 7 3 8	8/1992	Rasor et al	424	9.52	
	5 4 2 5 3 6 6	6/1995	Reinhardt et al	600	458	
PN	5 5 0 1 8 6 3	3/1996	Rossling et al	424	489	
	5,123,414	6/92	Unger			
	4,224,179	9/80	Schneider			
	4,229,360	10/80	Schneider et al			
	4,442,843	4/84	Rasor et al			
	4,544,545	10/85	Ryan et al			
	4,859,363	8/89	Davis et al			
	5,556,610	9/96	Yan et al			
	5,711,933	1/98	Bichon et al			
PN	5 5 9 9 5 2 3	2/1997	Beller et al	424	9.52	
	5,123,414	6/92	Unger	600	431	
	4,224,179	9/80	Schneider	264	4.6	
	4,229,360	10/80	Schneider et al	264	4.6	
	4,442,843	4/84	Rasor et al	424	9.52	
	4,544,545	10/85	Ryan et al	424	1.21	
	4,859,363	8/89	Davis et al	516	76	
	5,556,610	9/96	Yan et al	424	9.52	
PN	5,711,933	1/98	Bichon et al	424	9.52	

DUPLICATES  
(SEE PFS BELOW ↓)

\*Examiner

Date Considered

4/26/00

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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## FOREIGN PATENT DOCUMENTS

TRANSLATION

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
0122624	10/1984	EPO			=	
0123235	10/94	EPO			=	
0131540	10/1985	EPO	NOT PROVIDED		=	
0327490	8/1989	EPO			=	
0357163	3/1990	EPO			=	
0441468	2/1990	EPO		NOT TRANSLATED	=	
0494615	7/1992	EPO			=	
WO91/12823	9/1991	PGT WIPO	NOT PROVIDED			
WO92/18164	10/1992	PGT WIPO				
WO93/05819	4/1993	PGT WIPO				
40651/89	3/1990	Australia				
70082/91	10/1991	Australia	NOT PROVIDED			
1,232,897	2/1988	Canada				
0 077 752	4/83	Europe	NOT TRANSLATED			
0 245 019	11/87	Europe				
0 324 938	7/89	Europe				
0 467 031 A2	1/92	Europe				
WO 80/02365	11/80	WIPO				
WO 89/06978	8/89	WIPO	ABSTRACT			
WO 89/10118	11/89	WIPO				
WO 92/17212	10/92	WIPO				
WO 92/17213	10/92	WIPO				
WO 92/21382	12/92	WIPO				
WO 92/22247	12/92	WIPO				
WO 93/06869	4/93	WIPO				
WO 93/17718	9/93	WIPO				

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Date Considered

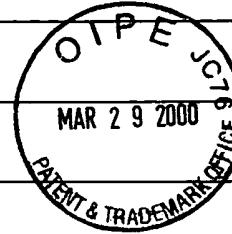
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<sup>1</sup> = indicates a related document in English, not necessarily an equivalent or patent family member

RELATED DOCUMENTS  
NOT INDICATED!

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		1201-55	09/115,963
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		SCHNEIDER et al	
		FILING DATE	GROUP
		July 15, 1998	1616



## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

deJong et al Ultrasonics 1992 Vol. 30 No. 2 pp 95-103 Absorption and scatter of encapsulated gas etc.

deJong et al Ultrasonics 1991 Vol. 29 July pp 324-330 Principles and recent developments in ultrasound etc.

Bleeker et al 1990 J. Ultrasound Med 9:461-471, 1990 pp 462-471 On the Application of Ultrasonic Contrast etc.

Feinstein et al JACC Vol. 16, No. 2 8/90:316-24 Safety and Efficacy of a New Transpulmonary Ultrasound etc.

Amer Hearts Assn Monograph Circulation Part II Vol. 72 No. 4 10/85 Abstracts of the 58<sup>th</sup> Scientific Sessions

Bleeker et al J. Acoust. Soc. Am. 87 (4) 4/90 pp 1792-1797 Ultrasonic characterization of Albunex® etc.

Epstein et al J. Chem. Physics Vol. 18, No. 11, 11/50 On the Stability of Gas Bubbles in Liquid-Gas Solutions

Meltzer et al Ultrasound in Med & Biol Vol. 4 pp 263-269 Clinical Note Why do the Lungs Clear Ultrasonic etc. No DATE

Meltzer et al Ultrasound in Med & Biol Vol. 7, No. 4 pp 377-384 1981 Transmission of Ultrasonic Contrast etc.

Violante et al Investigative Radiology Vol. 26 Nov. Supp 1991 Particle-Stabilized Bubbles for Enhanced etc

Ohta et al Jpn J Med Ultrasonics Vol. 18 No. 4 (1991) Effect of the Contrast Agent and the Agitation Method etc

Feinstein et al Am J of Physiologic Imaging 1:12-18 (1986) Myocardial Contrast Echocardiography etc.

Widder et al AJR:147, 8/86 Microbubbles as a Contrast Agent for Neurosonography and Ultrasound- etc.

Schlierf Current Opinion in Radiology 1991, 3:198-207 Ultrasound Contrast Agents

Keller et al LV contrast echocardiography vol 116 No. 3 570-575 Successful left ventricular opacification etc No DATE

Fobbe et al Fortschr Rontgenstr 154.3 (1991)242-245 Farbkodierte Duplexsonographic und Ultra- etc.

Ophir et al Ultrasound in Med & Biol Vol. 15 No. 4 pp 319-333 1989 Contrast Agents in Diagnostic Ultrasound

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Form PTO-FB-A820 (Also PTO-1449)